

Amendments to the Claims

1. (Previously presented) A resin composition for a separator of a fuel cell, which comprises an electroconductive agent and a radical-polymerizable thermosetting resin system and which is kneaded with a pressure kneader under a pressure of 9.8×10^3 to 9.8×10^5 Pa higher than atmospheric pressure,

wherein the weight ratio of the electroconductive agent to the radical-polymerizable thermosetting resin system is 65/35 to 92/8.

2. (Previously presented) The resin composition according to Claim 1, wherein the radical-polymerizable thermosetting resin system comprises at least a radical-polymerizable resin.

3. (Previously presented) The resin composition according to Claim 1, wherein the radical-polymerizable thermosetting resin system comprises a radical-polymerizable resin and a radical-polymerizable diluent.

4. (Previously presented) The resin composition according to Claim 2, wherein the radical-polymerizable resin comprises a vinyl ester-series resin.

5. (Previously presented) The resin composition according to Claim 2, wherein the radical-polymerizable resin comprises a vinyl ester-series resin in which (meth)acrylic acid is added to a bisphenol-type epoxy resin.

6. (Previously presented) The resin composition according to Claim 2, wherein the double bond equivalent of the radical-polymerizable resin is 200 to 1,000.

7. **(Previously presented)** The resin composition according to Claim 1, wherein the hardened radical-polymerizable thermosetting resin system has a glass transition temperature of 120°C or more.

8. **(Previously presented)** The resin composition according to Claim 3, wherein the radical-polymerizable diluent comprises at least an aromatic vinyl compound.

9. **(Cancelled)**

10. **(Previously presented)** The resin composition according to Claim 1, wherein the electroconductive agent comprises a carbon powder.

11. **(Previously presented)** The resin composition according to Claim 1, which comprises a carbon powder, a radical-polymerizable vinyl ester-series resin having a plurality of α , β -ethylenically unsaturated double bonds, and optionally a monomer having α , β -ethylenically unsaturated double bond, wherein the weight ratio of the vinyl ester-series resin to the monomer is 100/0 to 20/80, and the weight ratio of the carbon powder to the total amount of the vinyl ester-series resin and the monomer is 65/35 to 92/8.

12. **(Previously presented)** The resin composition according to Claim 1, which comprises a carbon powder, a vinyl ester-series resin formed by adding a (meth)acrylic acid to a bisphenol-type epoxy resin and a radical-polymerizable diluent comprising at least a styrene, wherein the double bond equivalent of the vinyl ester-series resin is 200 to 800.

13. **(Previously presented)** The resin composition according to Claim 1, which further comprises a low-profile agent.

14. (Previously presented) The resin composition according to Claim 13, wherein the low-profile agent comprises at least one member selected from the group consisting of a styrenic thermoplastic elastomer, a saturated polyester-series resin, and a vinyl acetate-series polymer.

15. (Previously presented) The resin composition according to Claim 13, wherein the amount of the low-profile agent is 0.1 to 30 parts by weight relative to 100 parts by weight of the radical-polymerizable thermosetting resin system.

16. (Currently amended) ~~The~~ A separator for a solid polymer-type fuel cell formed with the resin composition recited in Claim 1.

17. (Previously presented) A process for producing a separator for a solid polymer-type fuel cell, which comprises molding the resin composition recited in Claim 1 by a resin molding method.

18. (Previously presented) A process for producing a separator for a solid polymer-type fuel cell, which comprises kneading the resin composition recited in Claim 1 with a pressure kneader and molding the kneaded composition.

19. (Cancelled)

20. (Cancelled)

21. (New) A separator for a solid polymer-type fuel cell formed with the resin composition recited in claim 2.

22. (New) A solid polymer-type fuel cell comprising a separator formed with the resin composition recited in claim 1.

23. (New) A solid polymer-type fuel cell comprising a separator formed with the resin composition recited in claim 2.